

**THE VICTOR TOOL CO.**

**READING, PENNA., U.S.A.**





THIS MANUAL

*presented to*

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**THE VICTOR TOOL COMPANY**

**Reading, Pennsylvania**

*Printed in U. S. A.*



# MANUAL OF

VICTOR EDGE TOOLS

*Their Design  
and Use*



THE VICTOR TOOL COMPANY  
READING . PENNSYLVANIA



## PREFACE



**T**HE tools illustrated and described in the following pages are the result of ten years of painstaking study and development. They are presented to the public as outstandingly novel and of singularly practical design.

The guiding thought has been to create edge tools of inherent safety, outstanding utility and performance—of economical construction.

An exhaustive study of edge tools used throughout the world, and their adaptations, induced the author to start—from a fresh viewpoint—to analyze the functions involved in brush cutting and similar tasks performed in this country.

Unusual experience as Artist, Architect, Engineer, Manufacturer and Woodsman contributed in solving a problem of national importance.

A series of tools, original in design, was created—embodying artistic form, sound mechanical features, excellence of material and the most modern methods of manufacture.

The enthusiastic universal acceptance of Victor Tools, in private life as well as in the United States Armed Forces—“*Wherever Man Meets Nature*”—is a gratifying testimony to the effort.

FREDERICK EHRSAM.



# I N D E X

	Page
<u>Preface</u> .....	5
<u>Introduction</u> .....	7
<u>Basic Victor Design</u> .....	8
The Blade .....	8
The Grip .....	9
Agricultural .....	10
Safety Grip .....	10
Sports Grip .....	11
<u>Safety Carrying Sheaths and Cases</u> .....	11
The Metal Safety Sheath .....	11
The Canvas Zipper Case .....	12
<u>Use of Cutting Edges</u> .....	12
The Sickle Brush Hook .....	12
The Trenching Edge .....	14
The Long Edge .....	15
<u>Material and Workmanship</u> .....	16
<u>Victor Numerological System</u> .....	17
<u>Weight Designation by Color</u> .....	19
<u>Color Plates</u>	
The Planter's Pal. Service Finish No. 145 .....	21
The Planter's Pal DeLuxe No. 146 .....	23
The Planter's Pal with Saw No. 146-S .....	25
The Victor Safety Brush Hook. Service Finish No. 160 .....	27
The Victor Safety Brush Hook DeLuxe No. 181W .....	29
Army Knife LC-14-B .....	31
Case for Army Knife LC-14-B .....	32
The Victor Honing Stone .....	33
The Woodman's Pal. Service Finish No. 280-G2 .....	35
The Woodman's Pal DeLuxe No. 281 .....	37
The Woodman's Pal DeLuxe Safety Grip and Saw No. 361-S .....	39
The Woodman's Pal Light Weight DeLuxe No. 446 .....	41
The Woodman's Pal Copper Non-Magnetic No. 461NM .....	43
The Woodman's Pal DeLuxe, Sports Grip and Saw No. 461-S .....	45
The Woodman's Pal Service Finish, Sports Grip No. 480 .....	47
The Woodman's Pal DeLuxe, Sports Grip No. 481 .....	49
The Woodman's Pal DeLuxe, Sports Grip Short Model No. 681-P6 .....	51
<u>Sharpening the Woodman's Pal</u> .....	53
Honing the Long Edge .....	53
Honing the Sickle Edge .....	54
<u>Some Uses for Victor Tools</u> .....	56
<u>Testimonials</u> .....	58
<u>Victor Monographs</u> .....	61

## INTRODUCTION

**S**HARP edge tools used for brush cutting in Forestry, Forest Fire Protection, Highway and Park Maintenance, Horticulture and Agriculture have always presented unusual hazards. Employment of unskilled men and youths in forestry and brush cutting projects emphasizes the urgent national need for safe edge tools.

Excessive weight, lack of balance, unscientific and unsafe design characterizing older type agricultural tools (which, in many cases, were adaptations of military side arms introduced throughout the world during periods of conquest) have been eliminated. Through close observance and careful study of actual field conditions we created a new type of tool, meeting an ever-increasing demand and world-wide approval.

Unlike the highly efficient saw and axe, developed to cut down forests, VICTOR TOOLS are essentially *constructive*, designed and made to protect and facilitate the growth of healthy forests, to eradicate its enemies and all interference with sound tree growth, such as fire hazards and inaccessibility to man.



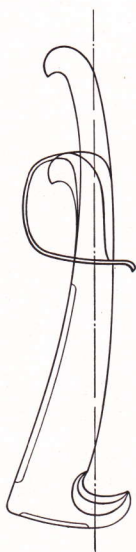
VICTOR TOOLS cut small trees, locust, sumac, brush, wild sprouts, shrubs, weeds, briars, vines, poison ivy, etc., better than any other cutting tool on the market.

They are used in preference to the hand axe, two-hand brush hook, briar scythe, sickle, etc., on account of their practical design and great convenience—being light and well balanced, yet developing powerful momentum. They cut both "from" as well as "toward" the root without change of handhold.

The long, razor-sharp edge of the Woodman's Pal allows its user to put full force back of each stroke, with the assurance of hitting his mark without deflection and danger.

The tool is simple in construction and application. Whereas it takes ten years of practice to become a truly expert axeman, a few days or weeks of practice will suffice to make a willing worker skilled with the Woodman's Pal—after which short period he will produce better results in less time than users of old-style brush hooks, brush scythes, machetes, saws or pruning shears.

## BASIC VICTOR DESIGN



One basic design serves as pattern for all Victor Tools. The Woodman's Pal, the Planter's Pal and the Victor Safety Brush Hook are variations in names and numbers only, characterizing size and weight of specific models.

The arrangement of a long concave curved cutting edge with a sickle brush hook—the handfitting grip with its axis intersecting the sickle edge at an acute angle—the creation of natural momentum through shifting of the maximum weight to the "business end" of the tool constitute the basis of a broad series of Victor Tools covered by U. S. Patents, as illustrated in this book.

### The Blade

The long edge is designed for use with a swinging motion like a hand axe and to produce a "drawing cut," the effectiveness of which has been proven in the famous "Gurkha Kukri" and never previously surpassed by any other cutting implement.



It is ground axe fashion (double convex) to withstand impact on dry wood.

The far end is guarded by a blunt safety toe as protection against stone bruises and for safety to the worker.



Contrariwise, the brush hook edge is pulled from direct contact across the grain of a plant stem or young tree without the benefit of impact.

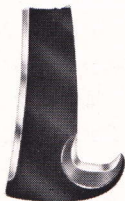
To reduce resistance to passage of the blade through the plant, the cross section of brush hook blade is surface ground on its back to a universal minimum thickness of  $\frac{3}{64}$ ".

Consequently, progressive grinding and honing will not increase the cutting energy required.



Cutting chisel fashion, this edge is of the single bevel type. (Slicing cut.)

The entire circular thin cutting blade is repressed from the face of the tool and is inclosed by a heavy reinforcing rim with nose bent inward as protection for workers and bystanders.



FACE

Note the surface ground sickle blade so easily kept sharp by simple honing on the beveled face. and wiping flat on the back.



BACK

## The Grip

Four types of grips have been designed to match varying weights of blades and to meet working conditions in the field.

- 1—Agricultural Grip Long Handle, for light, medium and heavy blades.
- 2—Safety Grip for heavy blades.
- 3—Safety Grip Reinforced for medium weight blades.
- 4—Sports Grip Short Handle, for 3 blade weights.

The *Agricultural Grip* (Type 1) is made of wood, blind slotted and attached to tang and blade by a seamless ferrule and 4 rivets.

It provides the furthest reach of any Victor Tool and is used for underwater cutting in mosquito extermination and for all jobs where workers can or wish to remain at a distance from the actual cutting action.

It permits weeding and corn cutting without bending and the hook grip at the handle's end positively prevents slipping.



The *Safety Grip* (Types 2 and 3) is built up of laminations of soft pigskin, cool in summer and warm in winter.

The grip and guard have been designed to permit a "slight loosening" of the hold on the grip at, or immediately prior to, the impact of the long cutting edge upon a branch.

The tool is partly "spun" around the little finger, for which purpose a neat comfortable finger grip is cut in the soft leather grip adjacent to the metal guard and a smooth round ball end is provided to slide inside of the hand without causing blisters.

A great deal of "Impact Fatigue" common to ordinary tools is thereby avoided.

The strong metal guard protects the hand of the worker against shinning of fingers and knuckles against branches or tree bark, of particular importance in improvement cutting of evergreen trees or release cutting on brush and briar.

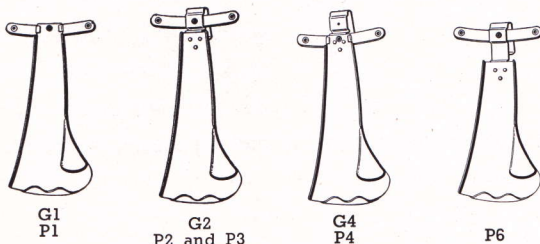
This guard also prevents the tool from flying out of one's grasp—eliminating danger to nearby persons.

The *Sports Grip* (Type 4) is hand made of selected hardwood to fit user's hand snugly. It is preferred by many on account of its audacious and artistic appearance while the *Safety Grip* has a rather military character.

The hook-shaped butt permits the spinning of the tool without danger of its leaving the hand. The leather sling, through which the wrist fits, allows quick dropping of tool and pick up with same hand, as for instance while on horseback or when lighting a pipe.

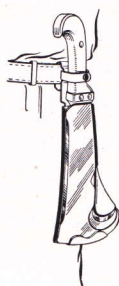
## SAFETY CARRYING SHEATHS AND CASES

The Metal Safety Carrying Sheath protects both worker and tool. It covers fully all cutting edges and permits safe storage in tool boxes as well as transport in passenger cars without injury to tool, conveyance or passengers. A large number of tools can be carried in relatively small space. Aerial transportation to Forest Fires or for other emergency use is practical.



The *Safety Carrying Sheath* is of special streamlined design and offers no exposed edges or projections likely to catch or impede passage of wearer through brush.

Individually the *Woodman's Pal* is carried in the *Metal Safety Carrying Sheath* hanging from the belt over the left hip, permitting free use of both hands for lifting and carrying, or for steadying oneself while running or moving swiftly over rough and steep ground.



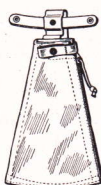




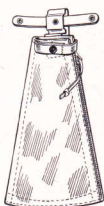
The Canvas Zipper Case is made to United States Army Specifications as shown on page 32 and is designed to be worn over the right hip.

The zipper is opened with the left hand while the right hand tilts the Pal from the belt upward for quick release.

Canvas Zipper Cases for Army use have Army wire hangers on webbing loop (LC-14-B) to fit the eyelets of the standard Army belt, whereas Canvas Zipper Cases for civilian use CZ-2, CZ-3, CZ-4 and CZ-6 have flat metal hangers and leather neckbands.



CZ-6



CZ-2  
CZ-3  
CZ-4

These metal hangers permit quick and easy attachment over ordinary belts without loosening or removing the belt. See Plates 280-G2 and 681-P6. The canvas zipper case (see page 33) has two inside pockets

designed to carry a honing stone, instruction manuals, etc.

## USE OF CUTTING EDGES

### The Sickle Brush Hook

This cutting edge is used for release cutting in evergreen and Christmas tree plantations, on watersheds and in permanent pine stands. When used with a drawing motion, the edge cuts chisel fashion and for this reason is exceptionally suited for cutting sumac, inkberries, wild cherry, etc., along retaining or protection walls on highways and parkways, for selective cutting in park areas, to cut barberry hedges, trailing and climbing roses, honeysuckle, poison

ivy, to weed potatoes, remove sucker corn and for harvesting corn and sugar cane.

The most effective way to use the sickle brush hook is indicated in the following basic instructions:



When cutting sprouts from the root, spread your feet and lean forward. With the free hand bend sprout under elbow and with the other hand and rigidly outstretched arm, set the Woodman's Pal's sickle edge into the strained outer fibre of the stem. With a brisk backward movement of your upper body—not of the arm alone—and without moving your feet, slice off the sprout swiftly and with little effort. This procedure will result in "close and low cropping"—eliminating danger to persons stumbling or falling on sharp and dangerous stubs.



Trimming of brush invites new growth and all sprouts should be cut below the lowest set of eyes, to exhaust the root system.

The sickle brush hook of the Woodman's Pal readily permits close cutting among stumps, rocks, fences and similar obstructions, either in daylight or in the dark or under water without damage to the cutting edges or to the operator. It is safe as well as practical.

### The Trenching Edge



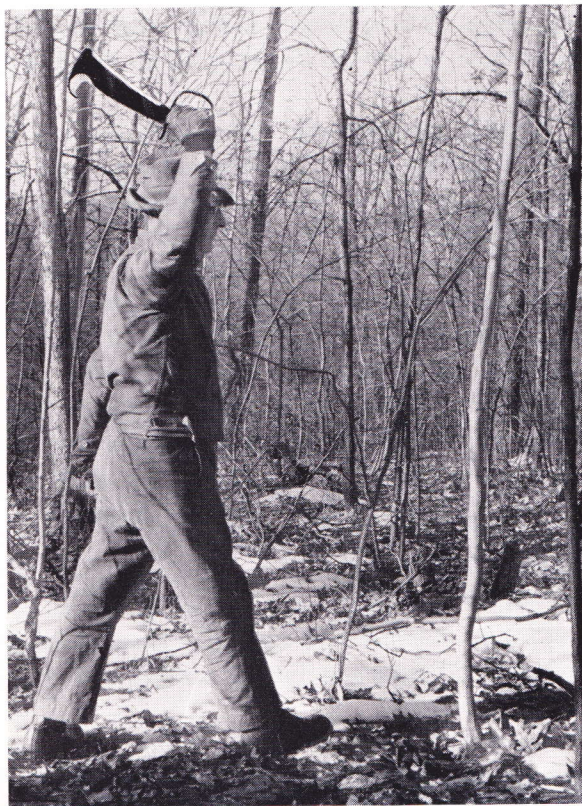
Some models of the Woodman's Pal are equipped with a trenching edge and trenching grip to match, enabling the user to dig foxholes or remove humus from firelanes. This feature is particularly essential in the Army Model LC-14-B and has proven its merits in the Pacific jungle area.

This feature is also of great value to the Forest Protective Service.



## The Long Edge

The long axe edge of the Woodman's Pal is generally used on the down stroke for blazing trails, notching timber, cutting saplings, trimming fallen trees and branches, opening access through thickets and briars, cutting kindling wood. For improvement cutting, the Woodman's Pal is used with a circular undercut to clip green branches close to tree trunks.



To sharpen stakes, the Woodman's Pal is the ideal tool. All stakes should have a solid "flat" point of not less than  $\frac{1}{4}$ " diameter to prevent them from turning up when striking a stone and to give "heel" against wind pressure.

This cannot be accomplished well with an axe, which due to its thickness always cuts across the center of the stake, producing a needle point.

## **MATERIAL AND WORKMANSHIP**

Conforming to the painstaking care given to the design of Victor Tools, materials used in their manufacture are correspondingly of the highest and most suitable standards.

### **Material**

Special high carbon manganese tool steel is used for all blades, hardened and tempered by our own method to produce a hard center for the actual cutting edges and a softer flexible outer case to prevent cracking of the blade on heavy impact.

All tools are hardened to be readily sharpened with a honing stone. The edge is tempered to bend, rather than to break under abuse so as to be repairable.

Our hardened copper tool No. 461—Non Magnetic is made from alloys of our own specifications and is the only flat edge tool of its kind.

All of our steel blades are sandblasted and preoxidized which provides not only a matt non-reflecting surface, but due to the penetration of the treatment into the surface of the steel adds greatly to the rust resistance of the tools.

### **Workmanship**

Gradual and functional training of our working forces together with careful supervision and systematic inspection insure the highest class of workmanship.

Congenial and responsible cooperation between the men and women of all departments and the sincere adherence to our Shop motto "*Do It Right*" make each one of our tools an individual product reflecting the best craftsmanship and worthy to take its place as leader in the field.

# EXPLANATION OF THE NUMEROLOGICAL SYSTEM OF VICTOR TOOLS

All tools and sheaths to match are ordered by numbers quickly identified by a numerological and color system explained as follows:

EXAMPLE: Tool and Sheath No. 2 8 0 - G 2

Type of Grip \_\_\_\_\_

Thickness of blade in 64ths" \_\_\_\_\_

Finish of Tools \_\_\_\_\_

Finish of Sheaths \_\_\_\_\_

Type of Sheaths and Hanger to Match Grip \_\_\_\_\_

## First Cipher Indicates Type of Grip

*Example*

- 1—Long Wood Handle ..... **1** 45-
- 2—Short Leather Safety Grip ..... **2** 80-
- 3—Short Leather Safety Grip (re-  
inforced blade) ..... **3** 61-
- 4—Sport Grip ..... **4** 80-
- 5—Short Wood Grip for Juvenile  
Size .....
- 6—Sport Grip for Junior Size ..... **6** 81-

## Second Cipher Indicates Thickness of Blade in 64ths of an Inch

- 4—Light Weight, 4/64" (Yellow  
Color) ..... **1** 45-
- 6—Medium Weight, 6/64" (Red  
Color) ..... **1** 60-
- 8—Heavy Weight, 8/64" (Blue  
Color) ..... **2** 80-

## Third Cipher Indicates Finish

- 0—Service Finish, Machine Pol-  
ished (Heavy and Medium  
Weight Tools) ..... **2** 80-
- 1—DeLuxe, Hand Polished and  
Honed Cutting Edges (Heavy  
and Medium Weight Tools).... **2** 81-
- 5—Service Finish — Agricultural  
Type. Reinforcement Embossed  
in Blade (Light Weight Tools).. **1** 45-
- 6—DeLuxe Finish — Agricultural  
Type. Reinforcement Embossed  
in Blade (Light Weight Tools).. **1** 46-



## **Fourth Letter or Figure Indicates:**

S—Saw .....	146	<b>S-</b>
W—Wire Wound Handle .....	181	<b>W-</b>
NM—Non-Magnetic .....	461	<b>NM-</b>

## **First Letter After Hyphen Describes Material and Finish of Sheath**

G—Galvanized Metal Sheath .....	280-	<b>G2</b>
P—Lacquered Metal Sheath .....	281-	<b>P2</b>
CZ—Canvas Zipper Carrying Case ..	281-	<b>CZ2</b>

## **Second Figure After Hyphen Describes Type and Length of Sheath to Match Grip**

- 1—Short Sheath Without Hanger,  
with Strap on Sheath. Galvan-  
ized-G **1** or Lacquered ..... 146-P **1**
- 2—Long Sheath with Metal Hanger,  
Strap on Metal Hanger. Galvan-  
ized-G **2** or Lacquered ..... 281-P **2**
- 3—Long Sheath with Metal Hanger,  
Strap on Metal Hanger. Lac-  
quered ..... 361-S-P **3**
- 4—Short Sheath with Metal Hanger,  
Strap on Sheath. Galvanized-G **4**  
or Lacquered ..... 446-P **4**
- 5—Not Shown ..... -P
- 6—Short Sheath with Long Metal  
Hanger, Strap on Metal Hanger.  
Lacquered ..... 681-P **6**



## Weight Designation by Color

The wooden grips of series 100, 400 and 600 Victor Tools are colored to distinguish the thickness of the blade and weight of tool.

Yellow handles—or handle butt—indicate light weight blades. Red handles—medium weight blades. Blue handles—heavy weight blades.

This will enable you to quickly select from your assortment of Victor Tools the type and weight most suitable to any task.

Note that the colored panel at the top and bottom on each color plate of this book corresponds to this weight indication.

---

Because of the Pal's ever readiness (quick accessibility) and unobtrusive presence "*You have what you want, when you want it.*" You do not have to prepare yourself for action—you are ready.

# The Planter's Pal

## No. 145

LIGHT WEIGHT—LONG HANDLE

### DESCRIPTION OF KNIFE

#### Service Finish

Length Over All .....	22 in.
Length of Blade Over Grip .....	11 in.
Weight, Excluding Sheath .....	14 oz.
Thickness of Blade .....	1/16 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcements .....	yes
Saw .....	no

Grip: Wood, Oil Stained      Long Agricultural Type  
Sling: Grass      Fibre

### CARRYING SHEATH



G1

Which Will Match Above Tool:

No. G1—Galvanized Steel

With Leather Strap

No Belt Hanger

Regular

### USE

An economical tool designed especially for light agricultural uses—harvesting sugar cane—cutting corn and weeding potatoes—cutting poison ivy, Canadian thistles—pruning climbing or rambling rose bushes—thinning barberry hedges, honeysuckle banks, raspberries, blackberries, etc.

Used effectively with the long edge. The sickle edge makes possible selective cutting amongst briars and low branches—quickly and safely.

Can be used right handed or left handed.

Alternate use of long edge and sickle edge on production work greatly relieves fatigue as different arm and body muscles are employed.

# *The Planter's Pal*

## *No. 145*





# The Planter's Pal

No. 146

LIGHT WEIGHT—LONG HANDLE

## DESCRIPTION OF KNIFE

### DeLuxe Finish

Length Over All .....	22 in.
Length of Blade Over Grip .....	11 in.
Weight, Excluding Sheath .....	14 oz.
Thickness of Blade .....	1/16 in.
Blade Has:	
Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	yes
Saw .....	no
Grip: Wood, .....	Long Agricultural Type
Yellow Pigment Lacquered	
Sling: Indian Tan .....	Rawhide
Ferrule and Rivets .....	Nickel Plated

## CARRYING SHEATH



P1

Which Will Match Above Tool:

No. P1—

Red Lacquered Steel

With Leather Strap

No Belt Hanger

Regular

## USE

This tool is designed for garden work—a ladies' tool to cut Dahlia bushes, briars, and any other long or heavy stemmed garden plants.

This is the DeLuxe edition of the regular No. 145 agricultural tool and will do all jobs that the lower priced tool can do—more gracefully.

Avoid bending and stooping. Use hook to pull thorns and prickly leaves and branches into piles for removal or burning.

Only selected blades and handles are used in its production and it is an indispensable part of the equipment of any practical garden lover.



# *The Planter's Pal*

No. 146



# The Planter's Pal

No. 146-S

LIGHT WEIGHT—LONG HANDLE

## DESCRIPTION OF KNIFE

### DeLuxe Finish

Length Over All .....	22 in.
Length of Blade Over Grip .....	11 in.
Weight, Excluding Sheath .....	13 oz.
Thickness of Blade .....	1/16 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	yes
Comb. Cross Cut and Pruning Saw..	yes

Grip: Wood,	Long Agricultural Type
Green Pigment Lacquered	
Sling: Indian Tan	Rawhide
Ferrule and Rivets	Nickel Plated

## CARRYING SHEATH



P4

Which Will Match Above Tool:

No. P4—

Red Lacquered Steel  
With Leather Strap  
and Belt Hanger

Regular

## USE

This tool is designed for the orchardist and landscape gardener who wants equipment suitable to cut and trim everything that is objectionable in garden, bush or tree.

Not only can branches be sawed off quickly but the two handy cutting edges permit immediate dressing of the cuts to allow ready healing and overgrowing of the wound with bark.

The Planter's Pal with Saw is particularly convenient for pruning fruit trees, eliminating the carrying and changing in hands of 3 separate tools.



# *The Planter's Pal*

No. 146-S



# The Victor Safety Brush Hook No. 160

MEDIUM WEIGHT—LONG HANDLE

## DESCRIPTION OF KNIFE

### Service Finish

Length Over All .....	22 in.
Length of Blade Over Grip .....	11 in.
Weight, Excluding Sheath .....	17 oz.
Thickness of Blade .....	3/32 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	no
Saw .....	no

Grip: Wood,	Long Agricultural Type
Red Stained and Clear Lacquered	
Sling: Grass	Fibre

## CARRYING SHEATH



Which Will Match Above Tool:

No. G1—	
Galvanized Steel	
With Leather Strap	
No Belt Hanger	Regular

## USE

This medium weight tool is designed for highway and roadway maintenance, to cut Sumac, Black Locust, Ink Berries, Wild Cherry, Briars, etc., on road shoulders and banks, below the first set of eyes.

Being a one hand tool, it is much more practical to handle on sloping ground than either brush scythe or two hand brush hook. It is also used for release cutting, corn and sugar cane cutting, etc., by those who prefer a heavier tool than the No. 145.

Greatly facilitates pulling and dragging of cuttings from ledges and banks.



*The Victor Safety  
Brush Hook No. 160*



# The Victor Safety Brush Hook No. 181-W

## HEAVY WEIGHT—LONG HANDLE

### DESCRIPTION OF KNIFE

#### DeLuxe Finish

Length Over All .....	22 in.
Length of Blade Over Grip .....	11 in.
Weight, Excluding Sheath .....	26 oz.
Thickness of Blade .....	1/8 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	no
Saw .....	no

Grip: Wood,	Long Agricultural Type
Blue Pigment Lacquered, Wire Bound	
Sling: Indian Tan	Rawhide
Ferrule and Rivets	Nickel Plated

### CARRYING SHEATH



P1

Which Will Match Above Tool:

No. P1—

Red Lacquered Steel  
With Leather Strap  
No Belt Hanger

Regular

### USE

This extra heavy tool is especially designed for slashing of branches on topped coniferous trees.

Christmas trees are cut in the Pacific Northwest and in Canada by topping spruce and balsam, often 25 feet high, and the standing remainder is slashed and cut after the Christmas tree harvest season to prevent forest fires.

This tool carries great momentum and is heavier than needed for general purposes.



*The Victor Safety  
Brush Hook No. 181-W*





# *U. S. Army Knife*

## *LC-14-B*

### **DESCRIPTION OF KNIFE**

#### **Service Finish**

As illustrated on opposite page  
U. S. A. Spec. 71-591-B Stock No. 6Q60114B  
War Department PX Price Agreement

LC-14-B is the official designation of a complete unit consisting of:

- A. Knife, "Woodman's Pal" (16"-24 oz.)
- B. Canvas Carrying Case
- C. Victor Honing Stone
- D. Instruction Booklets

It is standard equipment for the U. S. Signal Corps and has all the features particularly valuable for use in the Pacific or jungle area.

With three cutting edges, it combines—all in one—axe, machete, brush hook, spade and fighting knife.

#### **1. THE LONG EDGE**

for cutting brush and jungle growth "toward the root" and for all uses to which one would put a machete, knife or axe.

#### **2. THE SICKLE-BRUSH HOOK**

for cutting low, "from the root." Bringing down fruit, cutting brush and small trees for camouflage. Cuts silently through jungle growth or in the dark. For cutting under water, mowing long tropical grass and for dragging branches, prickly pandanus leaves and briars into piles.

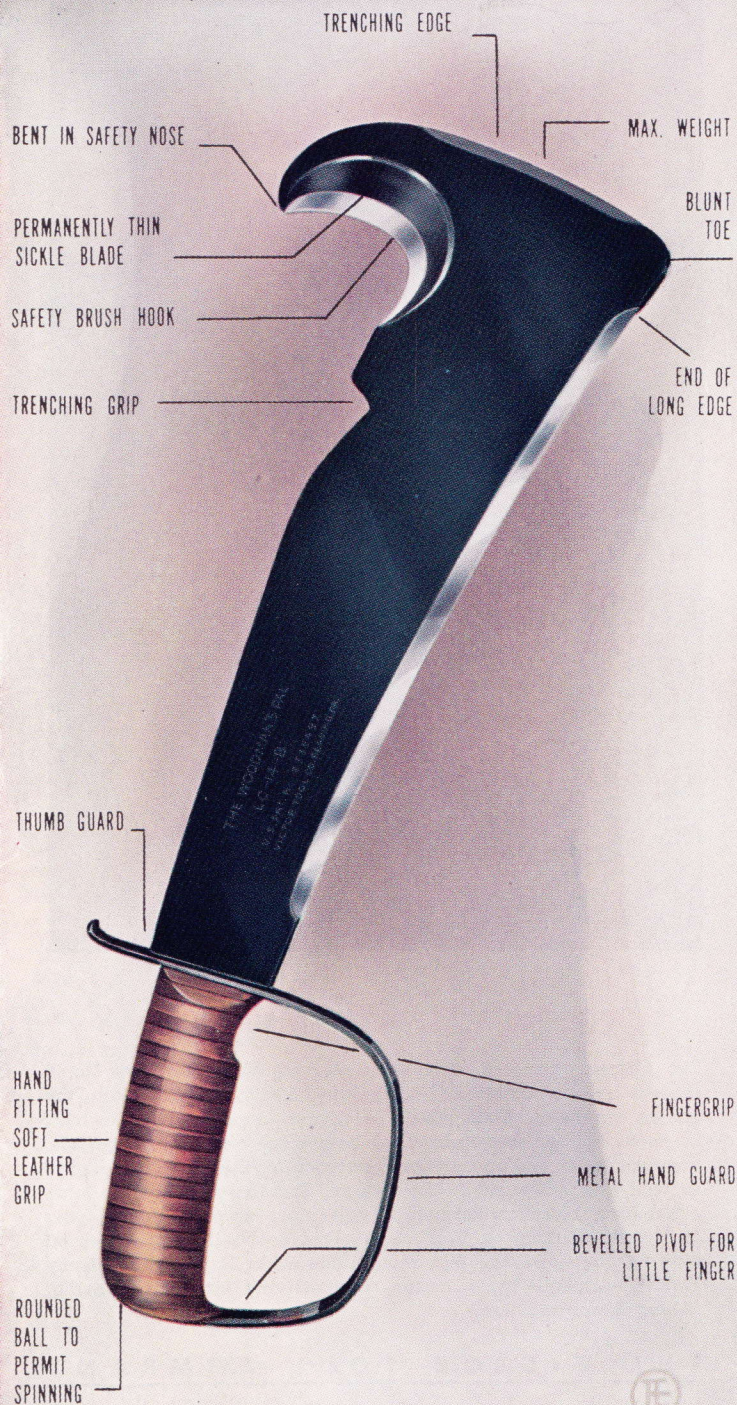
#### **3. THE TRENCHING EDGE**

with integral safety finger grip in the blade for use as an emergency spade and trenching tool.

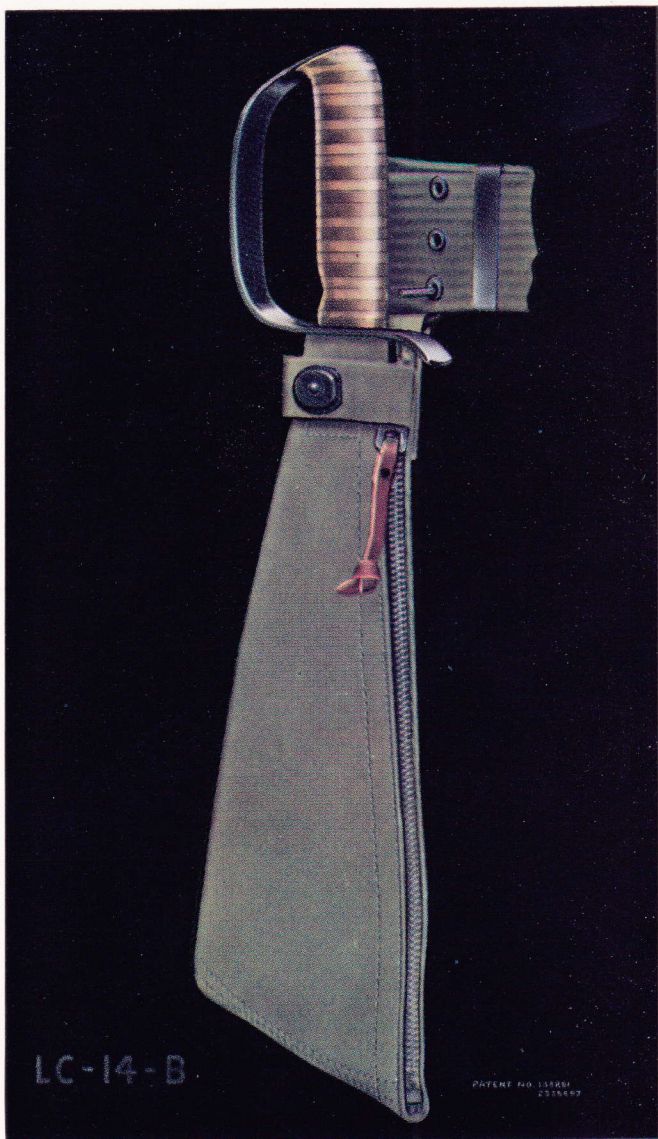
All three edges are used in combat with great effect. The tool is of exceptional trade value with natives.

# U. S. Army Knife

## LC-14-B







## CARRYING CASE FOR KNIFE LC-14-B

The Carrying Case of water-repellent and mildew-resistant No. 8 Duck is light, washable and so designed that it is eight fold at the bottom, where the Knife stands on double-turned edges. The back of the case is reinforced with a fine weave brass wire mesh, flexible, non-rusting . . . and an excellent protection for the long cutting edge as well as a safeguard to the wearer. The Carrying Case is hung either from the regulation belt over the right hip or on the shoulder pack, vertical strap on back of case being slid through horizontal bayonet strap and snapped shut. Units made for the U. S. Army Exchange, jungle type, contain a magnifying lens and a set of fishing hooks and line.

**T H E V I C T O R T O O L C O M P A N Y**





**LC-14-B**

PATENT No. 153851

## **THE VICTOR SAFETY HONING STONE**

Is safe, and prevents cutting of fingers on account of its size and shape. It is practically unbreakable and wears down evenly without losing its special shape. It is made of fast cutting, electric furnace Silicon Carbide and should be used with plenty of water for quick cutting or oil for an extra fine edge. Use this stone frequently to maintain a razor sharp edge on your Army Knife. Follow illustrated honing instructions on pages 53, 54, 55 of this Manual. The entire unit and its parts are supplied to Army, Navy, Marine Corps, Air Forces and to the Army Post Exchanges directly by the manufacturer. Separate honing stones are supplied in individual metal boxes.

**READING, PA., U. S. A., MANUFACTURERS**

# The Woodman's Pal

## No. 280-G2

HEAVY WEIGHT—SAFETY GRIP

### DESCRIPTION OF KNIFE

#### Service Finish

Length Over All .....	16½ in.
Length of Blade Over Grip .....	12 in.
Weight, Excluding Sheath .....	24 oz.
Thickness of Blade .....	⅛ in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Saw .....	no

Grip: Pigskin

Safety-Type

### CARRYING SHEATH



G2

Which Will Match Above Tool:

No. G2—

Galvanized Steel (Regular—See  
Flat Metal Belt Hanger opposite  
and Leather Strap illustration)

### USE

This is the basic Woodman's Pal designed and manufactured to offer all the essential facilities for efficient brush cutting, release cutting and improvement cutting safely and effectively.

It is the "economic" pattern with stress laid on quality and performance only.

It is used in very large quantities by Foresters, Fire Wardens, Farmers, and Highway Contractors; in fact, "Wherever Man Meets Nature."



# *The Woodman's Pal*

No. 280-G2





# The Woodman's Pal

No. 281

HEAVY WEIGHT—SAFETY GRIP

## DESCRIPTION OF KNIFE

### DeLuxe Finish

Length Over All .....	16½ in.
Length of Blade Over Grip .....	12 in.
Weight, Excluding Sheath .....	24 oz.
Thickness of Blade .....	⅛ in.
Blade Has:	
Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	yes
Finger Grip .....	yes
Saw .....	no
Grip: Pigskin .....	Safety-Type

## CARRYING SHEATH



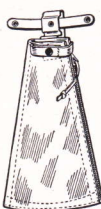
P2

Which Will Match Above Tool:

No. P2—

Red Lacquered Steel  
Flat Metal Belt Hanger  
and Leather Strap

Regular



CZ-2

No. CZ-2—

Olive Drab No. 8 Canvas Case  
Water Repellent  
Mildew Resistant  
Zipper Closure  
Inclusive 1 Victor Honing  
Stone in Integral Pocket  
Flat Metal Belt Hanger

Special

## USE

This tool is well suited for all around brush cutting purposes. It is the DeLuxe edition of the basic Woodman's Pal, in all respects similar to No. 280 except for a better finish and the additional features of fingergrip and trenching edge.

Polished edges carry mirror finish and blades are selected for perfection. The pigskin grip carries bands of colored laminations.

Blades can be supplied engraved with owner's name at slight extra cost.

# *The Woodman's Pal*

No. 281





# The Woodman's Pal

No. 361-S

MEDIUM WEIGHT—SAFETY GRIP

## DESCRIPTION OF KNIFE

### DeLuxe Finish With Saw

Length Over All .....	16½ in.
Length of Blade Over Grip .....	12 in.
Weight, Excluding Sheath .....	22 oz.
Thickness of Blade .....	3/32 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	yes
Comb. Crosscut and Rip Saw .....	yes

Grip: Green Chrome Leather                      Safety-Type

## CARRYING SHEATH



P3

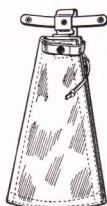
Which Will Match Above Tool:

No. P3—

Red Lacquered Steel

Flat Metal Belt Hanger  
and Leather Strap

Regular



CZ-3

No. CZ-3—

Olive Drab No. 8 Canvas Case

Water Repellent

Mildew Resistant

Zipper Closure

Inclusive 1 Victor Honing

Stone in Integral Pocket

Flat Metal Belt Hanger

Special

## USE

A surveyor's tool of exceptional merit, to cut sight lines and branch and bush obstructions; or to cut and point stakes in the field.

The excellent crosscut saw enables the surveyor to top field stakes flat to receive set marks and to cut bench marks into fence rails, trees and corners of wooden buildings. It greatly increases daily area coverage.



# *The Woodman's Pal*

## *No. 361-S*



# The Woodman's Pal

No. 446

LIGHT WEIGHT—SPORTS GRIP

## DESCRIPTION OF KNIFE

### DeLuxe Finish

Length Over All .....	16 $\frac{3}{4}$ in.
Length of Blade Over Grip .....	11 $\frac{1}{8}$ in.
Weight, Excluding Sheath .....	14 oz.
Thickness of Blade .....	1/16 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	yes
Saw .....	no

Grip: Maple,

Stained and Clear Lacquered

Sport-Type

Sling: Indian Tan

Rawhide

## CARRYING SHEATH



P4

Which Will Match Above Tool:

No. P4—

Red Lacquered Steel With  
Flat Metal Belt Hanger  
and Leather Strap

Regular

## USE

This tool is designed for light work in the garden and also for use on horseback when blazing and cutting riding trails through field and forest.

It is much lighter and easier to handle than any other Woodman's Pal and suitable for all types of light cutting up to 1 $\frac{1}{2}$ " in diameter.

Selected blades, grips and finish are used in its production to make it a joy and pleasure to every discriminate possessor.



# *The Woodman's Pal*

No. 446





# The Woodman's Pal

No. 461 — Non-Magnetic

MEDIUM WEIGHT—SPORTS GRIP

## DESCRIPTION OF KNIFE

### DeLuxe Finish

Made of Hardened Copper

Length Over All ..... 16 in.

Length of Blade Over Grip ..... 11 in.

Weight, Excluding Sheath ..... 16 oz.

Thickness of Blade ..... 3/32 in.

Blade Has:

Long Edge ..... yes

Sickle Edge ..... yes

Trenching Edge ..... no

Finger Grip ..... no

Reinforcement ..... no

Saw ..... no

Grip: Maple,

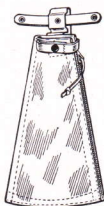
Red Stained, Clear Lacquered

Sport-Type

Sling: Indian Tan

Rawhide

## CARRYING SHEATH



CZ-4

Which Will Match Above Tool:

No. CZ-4—

Olive Drab No. 8 Canvas Case

Water Repellent

Mildew Resistant

Zipper Closure

Regular

Inclusive 1 Victor Honing

Stone in Integral Pocket

Flat Metal Belt Hanger

## USE

This exceptional tool reinstates the long lost art of hardened and tempered copper edge tools of fine and lasting cutting capacity and is especially made for the Chainman, Surveyor and Explorer who travel by compass.

No "magnetic deflection" or "error" is produced by using the compass in one hand and the Pal with the other hand.

This tool will perform any task generally handled with the more economical tool steel blades shown in this manual, but due to the characteristics of the alloy used is more expensive to manufacture and therefore recommended only where non-magnetic qualities are required.

# *The Woodman's Pal*

*No. 461 — Non-Magnetic*





# The Woodman's Pal

## No. 461-S

MEDIUM WEIGHT—SPORTS GRIP

### DESCRIPTION OF KNIFE

#### DeLuxe Finish

Length Over All .....	16 in.
Length of Blade Over Grip .....	11 in.
Weight, Excluding Sheath .....	16 oz.
Thickness of Blade .....	3/32 in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Reinforcement .....	no
Comb. Cross Cut and Rip Saw .....	yes

Grip: Maple,

Green Pigment Lacquered

Sling: Indian Tan

Sport-Type

Rawhide

### CARRYING SHEATH



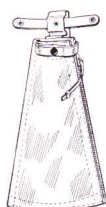
P4

Which Will Match Above Tool:

No. P4—

Red Lacquered Steel With  
Flat Metal Belt Hanger  
and Leather Strap

Regular



CZ-4

No. CZ-4—

Olive Drab No. 8 Canvas Case  
Water Repellent  
Mildew Resistant  
Zipper Closure  
Inclusive 1 Victor Honing  
Stone in Integral Pocket  
Flat Metal Belt Hanger

Special

### USE

This tool corresponds to the 361 Safety Grip Type Tool except that it carries the Sports Type Grip. It is much demanded by Sportsmen and Campers.

Like our other saw tools, it carries an integral saw on the back of the blade set to cross cut up to a 6-inch pole or to rip a 3-inch plank. It is universal in its application.



# *The Woodman's Pal*

## *No. 461-S*



# The Woodman's Pal

## No. 480

### HEAVY WEIGHT—SPORTS GRIP

#### DESCRIPTION OF KNIFE

##### Service Finish

Length Over All .....	16¾ in.
Length of Blade Over Grip .....	11⅞ in.
Weight, Excluding Sheath .....	21½ oz.
Thickness of Blade .....	⅛ in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	no
Finger Grip .....	no
Saw .....	no

Grip: Wood, Black Lacquered

Sport-Type

Sling:

None

#### CARRYING SHEATH



G4

Which Will Match Above Tool:

No. G4—

Galvanized Steel

Flat Metal Belt Hanger

Black Leather Strap

Regular

#### USE

This tool is designed for identical purposes as the basic No. 280 but is equipped with the Sports Type grip in lieu of the Safety Grip.

Its choice is a matter of personal preference. It is the lowest priced heavy weight tool with the Sports Type grip. It carries great momentum and a fine balance.

It is recommended for hard work and chopping of brush up to 3-inch diameter.



# *The Woodman's Pal*

## *No. 480*





# The Woodman's Pal

No. 481

HEAVY WEIGHT—SPORTS GRIP

## DESCRIPTION OF KNIFE

### DeLuxe Finish

Length Over All .....	16¾ in.
Length of Blade Over Grip .....	11⅛ in.
Weight, Excluding Sheath .....	21½ oz.
Thickness of Blade .....	⅛ in.

Blade Has:

Long Edge .....	yes
Sickle Edge .....	yes
Trenching Edge .....	yes
Finger Grip .....	yes
Saw .....	no

Grip: Maple,  
Stained, Clear Lacquered

Sport-Type  
Rawhide

Sling: Indian Tan

## CARRYING SHEATH



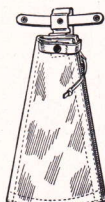
P4

Which Will Match Above Tool:

No. P4—

Red Lacquered With  
Flat Metal Belt Hanger  
and Leather Strap

Regular



CZ-4

No. CZ-4—

Olive Drab No. 8 Canvas Case  
Water Repellent  
Mildew Resistant  
Zipper Closure  
Inclusive 1 Victor Honing  
Stone in Integral Pocket  
Flat Metal Belt Hanger

Special

## USE

This tool is used largely by campers, hunters, and for general brush cutting purposes by men who take pride in a finely developed and executed job.

It is identical with the Service Finish Tool No. 480 except in finish and the addition of finger grip and trenching edge.

Only selected blades and grips are used in the assembly of this fine tool.

Owners' names can be engraved at slight additional cost. The Sportsman's favorite.

# *The Woodman's Pal*

## *No. 481*





# The Woodman's Pal

## No. 681-P6

SHORT HEAVY WEIGHT—SPORTS GRIP

### DESCRIPTION OF KNIFE

#### DeLuxe Finish

Length Over All ..... 14½ in.  
Length of Blade Over Grip ..... 9 in.  
Weight, Excluding Sheath ..... 19½ oz.  
Thickness of Blade ..... ⅛ in.

Blade Has:

Long Edge ..... yes  
Sickle Edge ..... yes  
Trenching Edge ..... yes  
Finger Grip ..... yes  
Saw ..... no

Grip: Maple, Stained, Clear Lacquered Sport-Type  
Sling: None

### CARRYING SHEATH

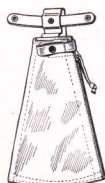


P6

Which Will Match Above Tool:

No. P6—

Red Lacquered Steel  
Flat Metal Belt Hanger  
and Leather Strap Regular



CZ-6

No. CZ-6—

Olive Drab No. 8 Canvas Case  
Water Repellent  
Mildew Resistant  
Zipper Closure  
Inclusive 1 Victor Honing  
Stone in Integral Pocket  
Flat Metal Belt Hanger Special

### USE

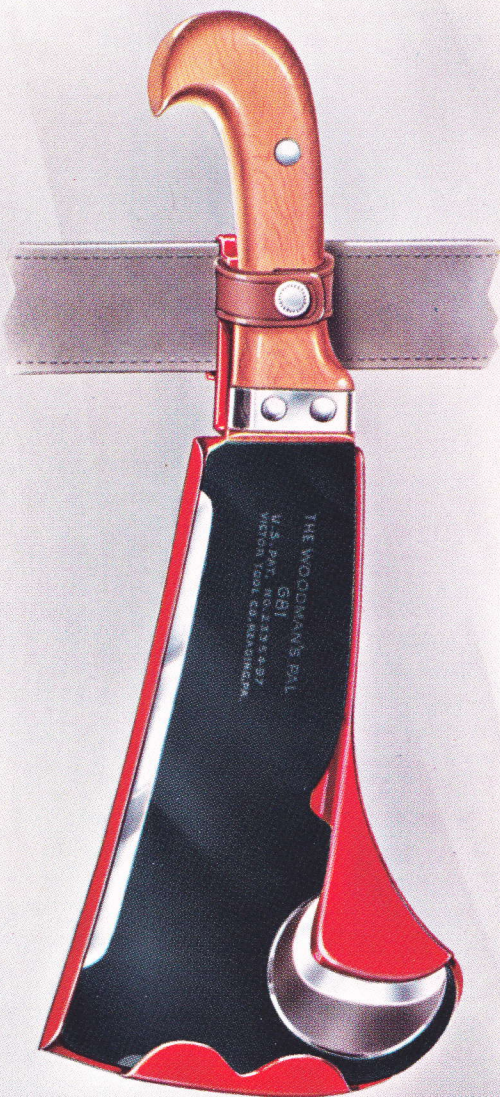
This tool is designed for those who want a slightly smaller and lighter tool than the standard No. 481. It develops correspondingly less initial momentum, but is particularly useful to Hunters and to Scouts on account of its convenient size.

Preferred to and far more safe and convenient than a Scout axe.



# *The Woodman's Pal*

No. 681-P6







## SHARPENING THE WOODMAN'S PAL

All new tools must be honed lightly right after the first use, to remove featheredge or "fin."

The Victor Safety Honing Stone was specially designed to put a razor edge to the Woodman's Pal quickly.

It is made of selected Electro-Silicon Carbide, each grain next in hardness to the diamond. The coarse and fine sides are furnace fused.

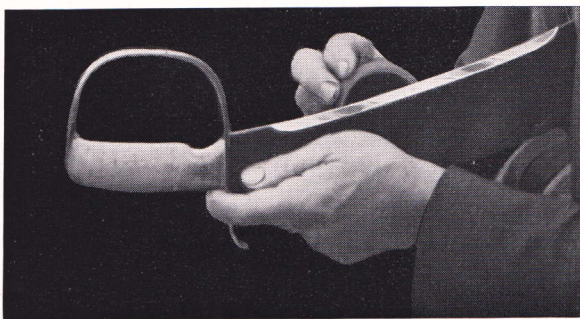
Use the coarse side to grind and "shape" damaged edges, and the fine side to "hone" and "finish" the edges.

Prevent "glazing" of stone by flushing off steel shavings while honing.

It cuts fastest when dripping wet with water, smoothest when used with light oil.

### Honing the Long Edge

Grip the center of the back of the tool with one hand and steady the tool against your body.



Pick up the honing stone with 5 fingertips of the other hand—set back far enough to avoid contact with the cutting edge of the tool while honing.

Place the upper third of the stone flat against the bevel and rotate the stone along the edge in a circular spiral of about  $\frac{1}{2}$ " diameter.

Move, at the same time, along the edge at a rate of about  $\frac{1}{4}$ " with each rotation made, lifting

the stone slightly on the UP movement, exerting more or less pressure as required against the top edge on the DOWN movement only.

Now reverse the tool in your hand and hone the other side of the cutting edge.



Reverse again and keep this up until the tool is sharp. Watch the edge carefully during these operations. The tool is not sharp as long as light reflects from the edge proper.

Pass a stick of dry hardwood over the edge while honing, to bend down any fin and check by scratching fingernail from the blade out over the edge.

Any resistance to this test indicates invisible fin which should be removed.

When properly sharpened, you can shave your arm with the Pal.

Learn carefully how to hone, as it will often prove valuable in the future.

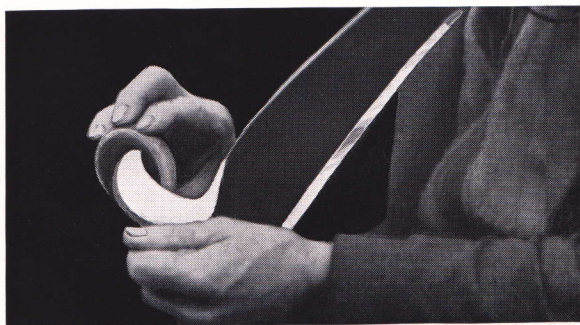
### **Honing the Sickle Hook**

Hold the tool so that you can see the face of the edge and watch the progress of the honing.

As you hone (abrade) the beveled edge, it will curl over slightly on the other side which is flat and must not receive a bevel under any circumstance.

After passing the rim of the stone in rotary fashion with an inward movement over the entire length of the hook, concentrating on nicks





in particular, turn the tool around and apply the fine side of the stone flat against the boss.

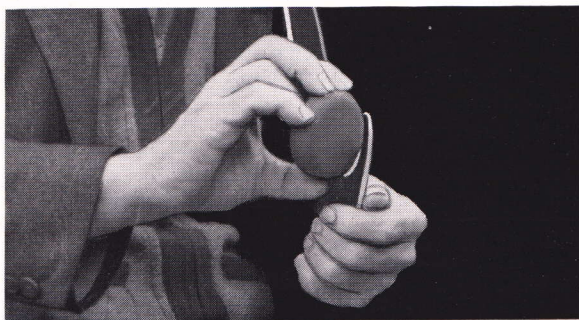
With a circular motion from the edge toward the center of the boss, hone off the fine curl.

Turn the tool again to hone the beveled face



(be careful to maintain the bevel or you will destroy the proper angle, necessitating grinding on a round edge grinding wheel), then turn again, etc.

Follow with a dry stick and keep going with ever decreasing pressure until sharp.



## **SOME USES FOR VICTOR TOOLS**

### **In Forestry and Parks**

Blazing boundary lines.  
Release cutting.  
Improvement cutting.  
Firelane opening and cutting day or night.  
Cut fire swatches.  
Dig humus from fire lanes.  
Bark peeling.  
Estimating board feet of lumber in standing timber.  
Blister rust control.  
Seed collection.  
Cut Christmas trees.  
Slash Christmas tree stumps.  
Tree marking and girdling.  
Clearing of watersheds and park areas.  
Clearing windfalls.

### **In Agriculture**

Potato weeding.  
Corn cutting.  
Sugar cane cutting.  
Pruning of fruit trees.  
Mosquito extermination.  
Gypsy moth extermination.  
Beheading chickens and ducks.  
Building brush dams to combat soil erosion.  
Removal of poison ivy and poison oak.  
Removal of wild grapes and vines from trees.  
Removal of honeysuckle.

### **By Campers and Sportsmen**

Clear camp and boat landings.  
Clear hikers' trails, bridle paths and skiing trails.  
Cut kindling and firewood.  
Build shelters, lean-tos, etc.  
Build tables and benches.  
Blaze trails.

### **By Highway Department and Surveyors**

Blaze survey lines.  
Clear sight lines.  
Cut bench marks.



Point and top stakes.  
Cut brush along parkway walls.  
Cut brush on steep banks.

## **In Garden and Country Place**

Cut seed plants.  
Cut weeds.  
Trim trailing and climbing roses, barberry bushes.  
Brush out cacti, mesquite, chaparral, scrub oak.

## **By Utilities**

Brush out telephone lines and power lines.  
Emergency tool on line trucks.

## **By the Army**

Clear for ground telephone lines.  
Clear branch interference to pole lines.  
Clear emergency landing fields.  
Camouflage machine gun nests, ammunition dumps, supply depots, signal posts.  
Construction of barricades.  
Cut parachute tangles.  
Cut and shave "flats" on round timber.  
Cut and trim timbers for trestles and catwalks.  
Notch timbers for bolt connections.  
Build emergency stretchers and drawsleds.  
Cut poles for removal of ditched or wrecked cars.  
Cut fine brush to fill ruts in soft roads.  
Cut pine boughs and straw for emergency bedding.  
Cut under water for landing purposes.

## **In the Jungle**

Cut palm fronds for shelter, mattings and clothing.  
Cut coconuts from trees.  
Open coconuts.  
Lift coral for shellfish.  
Cut approaches to enemy posts silently.  
Use as a weapon.  
Dig foxholes.  
Drag prickly pandanus leaves and thorns.



## **As Gifts to Outdoor Men and Women**

# TESTIMONIALS

## IN THE SOUTH SEA ISLANDS

I have been telling the men we have been training in the art of sustaining themselves in the tropical islands that the bolo and most machetes were not suitable. As they had a varied assortment, they soon discovered this for themselves when I took them through the various types of growth which they would have to contend with and when we went about the work of establishing camp and preparing foods.

My Hawaiian cane knife I preferred to anything they had, but I realized it was too light and that it was impracticable to carry such a broad and long blade in a case on the hip. The knife you sent has the proper length, the proper weight, and the hook on the end having a sickle edge is a most valuable improvement. Also, greatly admired by the men who know this type of knife is the flat tip to the long blade. That tip when sharp has always been a nuisance and a danger.

Your zipper case containing the right honing stone is just perfect and makes it possible to take this knife into the jungle. The oil can be supplied by dried coconut meat or the crushed kernel of the candle nut, so that the blade need never rust. You will be performing a fine service if this knife gets into the hands of our men fighting in the islands.

K. P. E., Instructor, Ranger and Combat School of Hawaii.

## EXCEPTIONALLY FINE UTILITY TOOL

Your tool arrived and I gave it a very thorough test cutting grass, brush and small trees. It certainly performed beautifully. Then I tried the sharpening stone and put almost a razor edge on it.

I found it an exceptionally fine utility tool for cutting small brush for camouflage and for digging.

Major J. C. S., USMC.

## SOMEWHERE IN THE SOUTH PACIFIC

... I have the knife with me at the present moment. I may add that besides my rifle and compass it is my most valued possession and I cannot see how I could get along without it over here.

Pfc. Henry Luke.

## RECOMMENDED FOR MAINTENANCE WORK

I have been using your tools, "The Victor Safety Brush-Hook" and the "Woodman's Pal," on the forests of the Bureau of Water, City of Reading, for the past several years, and I find that they have been entirely satisfactory to us in our regular maintenance work.

I feel that I can recommend these tools for such similar operations as they have been a great help to us in clearing and brush-cutting jobs.

City of Reading, Pa., Bureau of Water, D. B. Kutz, Forester.

## A DREAM COME TRUE

... And in all honesty—they are the best brush instrument I have ever seen, a dream come true!

J. A. P., Locating Engineer, Oregon State Highway Commission.

## IS INDISPENSABLE

To anybody who frequents the woods and the out-of-doors in general, the "Pal" is indispensable. I keep one in my car all the time and find that on trips offering an opportunity for building a fire out-of-doors the "Pal" does the work of wood splitting more effectively than a hatchet and takes up less room in the car besides.

In cutting fire lanes and bridle paths through the woods I find the brush hook and "Pal" both very effective and less tiring to carry.

I can but give the "Pal" my heartiest and most sincere endorsement to anyone who has jobs hitherto calling for a hatchet or a light ax. Certainly, anyone who ever uses it, will join me in my feelings.

Parker W. Morris, Tenawa Farm, North Carolina.

## EXTREMELY SATISFACTORY

I tried the "Woodman's Pal" and found it extremely satisfactory. I have never had a tool which gave me greater service in so many ways.

Sunnybrook Farms Nursery, Chesterland, Ohio, Harold O. Ruh, M.D.



## DELIGHTS THE SURVEYOR

J'ai eu l'occasion de faire l'essai de vos Woodman's Pal depuis quelques jour et j'en suis émerveillé. Un seul homme muni de cet instrument fait un ouvrage équivalent à deux autres munis de haches ordinaires s'ils travaillent dans un endroit où poussent des broussailles.

Ces instruments sont aussi très précieux pour couper les branches d'arbres qui nuisent à l'ouverture de nos lignes d'arpentages.

Gastonguay & Giroux, Ingénieurs Forestiers, Québec.

## BEST TOOL FOR TRANSIT MAN

The design of the tool is practically perfect for trail-cutting or for use by our transit man in running lines. It is the best tool for the purpose I have ever seen.

You knew just what was wanted when you designed these tools; again the Engineer shows the way to the old hands in the business.

James B. Lowell, The Lowell-Whipple Co., Engineers, Worcester, Mass.

## 300% FASTER FOR SURVEY WORK

In the Pennsylvania State Forest Stock Survey work, we must run our lines through all kinds of thick brush and scrub oak. These lines need not be brushed out, but they must be open enough to permit chaining. We tried to do this work without any cutting at first, and averaged but 6 to 8 acres of line per day (.7 to 1 mile).

Some of the survey parties tried to do the work by putting on an extra man to swing a brush-hook or use an axe. They had no better results, but had added expense.

We then equipped the man who goes ahead with the compass and drags the chain, with one of your "Woodman's Pals." We immediately got better results, and on the best day we were able to cover 18 acres of line (2.25 miles).

Commonwealth of Pennsylvania, G. S. P., Senior Research Forester.

## HIGHLY DESIRABLE FOR FIRE PROTECTION

The "Woodman's Pals" which we purchased from you have proved all that we hoped they would in various types of work. The "Pals" were used particularly in pruning the 200 or more acres of plantations at CCC Camp S-57, Huntingdon Co. More recently, the "Pals" were distributed to the Crews doing Survey work of various types, and they found them highly desirable and efficient in opening up paths through the woods.

We have also used them to good advantage in cutting back-firing paths in connection with Forest Fire Work.

Commonwealth of Pennsylvania, H. F. D., Dist. Forester.

## BEST ALL-AROUND TOOL AVAILABLE

We have planted about 65,000 acres during the past 10 years to spruce and pine. Some of the area is very open, and the planted trees require no release, but on large areas we have to cut back the native cover to permit enough light to reach the planted trees. This native cover consists of hazel brush, blackberries, fire cherry, aspen, white birch, ferns, etc. We have experimented with various tools, some of our own design, and have come to the definite conclusion that the Woodman's Pal is the best all-around tool available.

....., Forest Supervisor, U.S.F.S.

## ADVANTAGEOUS FOR OPENING FIRE LINES

We had a small fire in scrub oak and L. Treaster, Camp Foreman, gave the "Woodman's Pal" a try-out on this fire. He is very enthusiastic about the serviceability of this tool on opening up a fire line through scrub oak in order to make an attack.

I carry a "Pal" in my car at all times. I like it very much. It is so much more useful than a hand-axe.

Penna. Dept. of Forests and Water, T. C. H., Dist. Forester.

### **RECOMMENDED FOR IMPROVEMENT AND RELEASE CUTTING**

Pruning and clearing had been a very slow process on our 300 acres of plantations until I began using the "Woodman's Pal" several years ago and now find the work is being done in one-half to one-third the time formerly spent with saws, axes and pruning shears.

For cutting hardwood sprouts in the younger plantations and in clean-up work along the roads and water-courses, the long-handled "Safety-Brush-Hook" is a splendid tool.

It is, of course, always important in doing rapid, clean work to have sharp tools and the "Pal" does a fine job, even in cutting the hard, tough dead branches of Norway Spruce.

The use of a honing stone quickly restores the keen edge, and this, I am sure, is due to the fact that you have used the finest steel in making these tools.

C. Aubrey DeLong, Forester, Nolde Estate, Reading, Pa.

### **FACILITATES PARK WORK**

The men who use your "Planter's Pals" and "Safety Brush-Hooks" in my department are completely "sold" on them, and claim that they facilitate their work in a way that no other tool used for like purposes has ever done before. When more tools of this type are needed in the Park Department, only the Planter's Pals and Victor Safety Brush-Hooks will be selected.

Robert F. Pierce, Supv. of Reading Parks.

### **FASTER THAN OLD-STYLE BRUSH-HOOKS**

We find that this knife works out very well on small brush and is faster and more convenient to use than a brush-hook.

U. S. Dept. of Agriculture,  
Columbia National Forest,  
J. R. B., Forest Supervisor.

### **ENTHUSES THE SPORTSMEN**

Mr. Sterling is so enthusiastic about the "Woodman's Pal" that he would like you to send him by Parcel Post two more of same.

C.B.C., Secretary to  
M. M. Sterling.

### **MOST EFFICIENT OF NUMEROUS TOOLS**

The "Woodman's Pal" is my constant friend when walking in the woods, which I do nearly every day. I have cut miles of trails and find it the most efficient of all my numerous tools.

James Foster Scott, M.D.,  
McLean, Va.

### **THERE IS NO TOOL LIKE IT**

Enclosed find check for which please send me two more "Woodman's Pals." We have used "Woodman's Pals" for a year in clearing out brush and making blazed trails at our camps, and there is no tool like it.

L. W. Wollf, Blanchard,  
Maine.

**"ad infinitum"**



Monographs by Frederick Ehram  
on the Woodman's Pal  
Published by The Victor Tool Company

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# MEMORANDA



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"The Sharper the Edge,  
The Faster the Cut."





